

## ***Interactive comment on “Benzo(a)pyrene in Urban Environment of Eastern Moscow: Pollution Levels and Critical Loads” by Nikolay S. Kasimov et al.***

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1. Page 1, line 19: “the” has been added before the statement “annual degradation”.  
2. Page 4, line 7: the statement “, with precision of  $\pm 25\%$ ” has been deleted.  
3. Page 4, line 7: the statement “Cold extraction of BaP is carried out by n-hexane, its concentration is determined by gas chromatography-mass spectrometry (HPGP-MS), with precision of 15–20 % (Gennadiev and Pikovskii, 1996).” has been added after reference “(Alekseeva and Teplitskaya, 1981)”.  
4. Page 4, end of chapter 2.3: the statement “The balance calculations were performed using averaged data for land-use zones, so the accuracy of the balance components was higher in 2-3 times as compared to the single samples. This provided sufficient reliability of BaP critical load values.” has been added.  
5. Page 5, line 3: the form of verb “show” has been changed into “showed”.  
6. Page 5, line 8: the form of verb “is” has been changed into “was”.  
7.

C1

Page 5, line 17: comma before the phrase “however the difference” has been added.  
8. Page 5, line 20: the form of verb “rises up” has been changed into “rose up”.  
9. Page 5, line 32: the form of verb “show” has been changed into “showed”.  
10. Page 5, line 33: the form of verb “have” has been changed into “had”.  
11. Page 5, line 33: the form of verb “is” has been changed into “was”.  
12. Page 6, line 2: the form of verb “are” has been changed into “were”.  
13. Page 6, line 3: the form of verb “is” has been changed into “was”.  
14. Page 6, line 6: comma after the phrase “According to the BaP enrichment of the surface layers” has been added.  
15. Page 6, line 11: the statement “This situation is typical for the case, when” has been changed into “This situation is typical for cases where”.  
16. Page 6, line 13: “the” has been added before the statement “BaP content”.  
17. Page 6, line 14: the form of verb “are” has been changed into “were”.  
18. Page 6, line 19: comma before the phrase “especially in the industrial and traffic zones” has been added.  
19. Page 6, line 24: the form of verb “exceeds” has been changed into “exceeded”.  
20. Page 6, line 24: the form of verb “are” has been changed into “were”.  
21. Page 6, line 25: the form of verb “is” has been changed into “was”.  
22. Page 6, line 26: the form of verb “is” has been changed into “was”.  
23. Page 6, line 27: the form of verb “is” has been changed into “was”.  
24. Page 6, line 29: the form of verb “are” has been changed into “were”.  
25. Page 7, line 7: the units “ $\mu\text{g cm}^{-3}$ ” has been changed into “ $\text{g cm}^{-3}$ ”.  
26. Page 7, line 8: the units “ $\mu\text{g cm}^{-3}$ ” has been changed into “ $\text{g cm}^{-3}$ ”.  
27. Page 7, line 9: the units “mg” has been deleted.  
28. Page 7, lines 10-11: the units “mg” has been added.  
29. Page 7, line 15: the form of verb “exceed” has been changed into “exceeded”.  
30. Page 7, line 18: the statement “by an Eq. (1):” has been changed into “as follows”.  
31. Page 7, line 26: the statement “Eq. (2):” has been deleted.  
32. Page 7, line 28: the statement “where ” has been deleted.  
33. Page 8, line 5: the statement “Eq. (3)” has been changed into “formula”.  
34. Page 8, line 11: the statement “(Wild and Jones, 1995)” has been changed into “Wild and Jones (1995)”.  
35. Page 8, line 17: the statement “long exposure time” has been changed into “long exposure times”.  
36. Page 8, line 18: the statement “can’t” has been changed into “cannot”.  
37. Page 8, line 28: the

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statement “Eq. (4)” has been changed into “follows”. 38. Page 9, line 4: the statement “there” has been changed into “here”. 39. Page 8, line 9: the statement “can’t” has been changed into “cannot”.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2016-649/acp-2016-649-AC2-supplement.pdf>

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